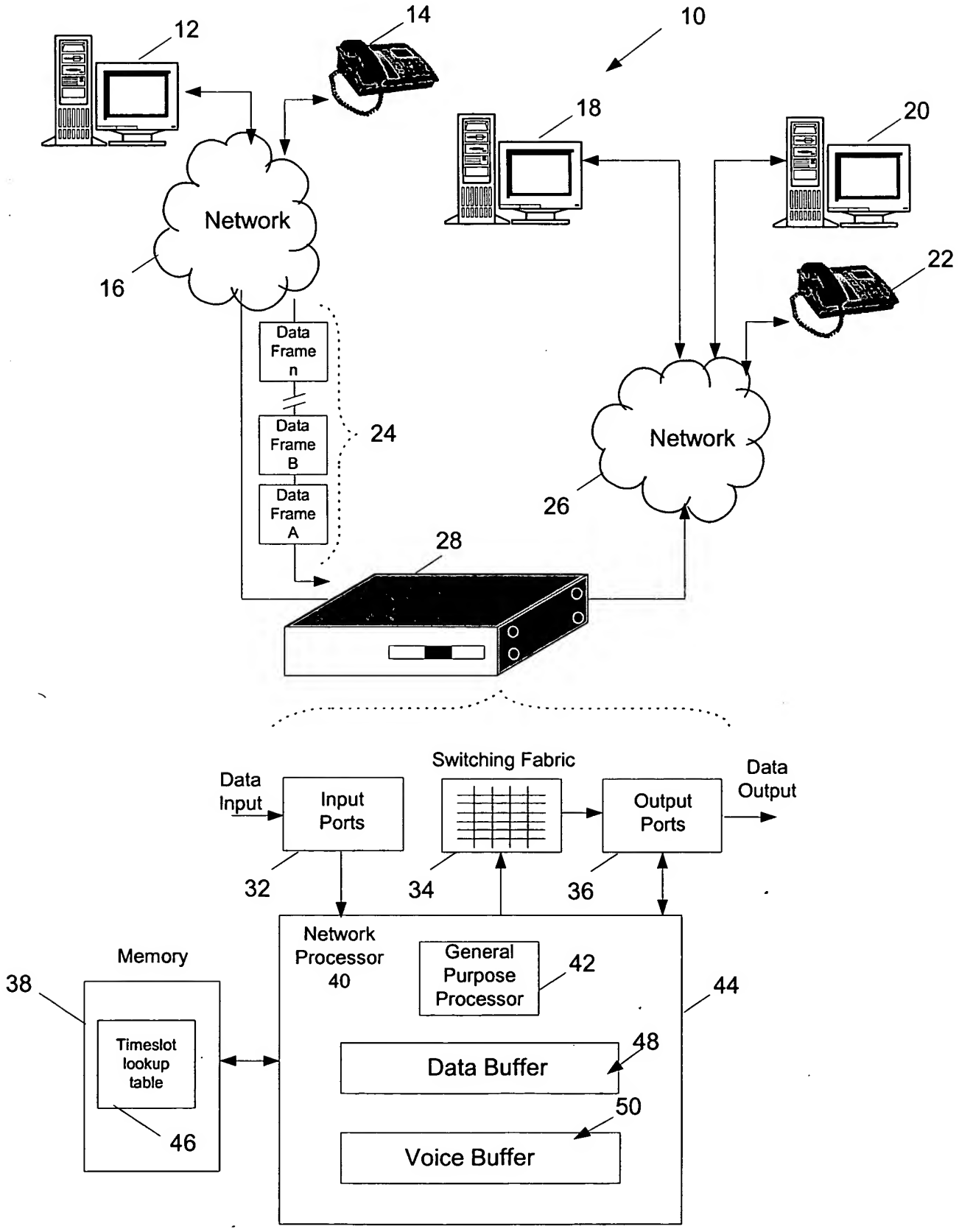


FIG. 1

BEST AVAILABLE COPY

Timeslot lookup table 46a

Timeslot 60	Assignment 62	Buffer 64
0	Voice 0	voice buffer
1	Vioce 1	voice buffer
2	Voice 2	voice buffer
3	Hdlc 0	Hdlc buffer
4	Unassigned	Discard
5	Unassigned	Discard
6	Voice 3	voice buffer
7	Hdlc 1	Hdlc buffer
8	Hdlc 1	Hdlc buffer
9	Hdlc 1	Hdlc buffer
10	Unassigned	Discard
11	Voice 4	voice buffer
12	Unassigned	Discard
13	...	...

70

72

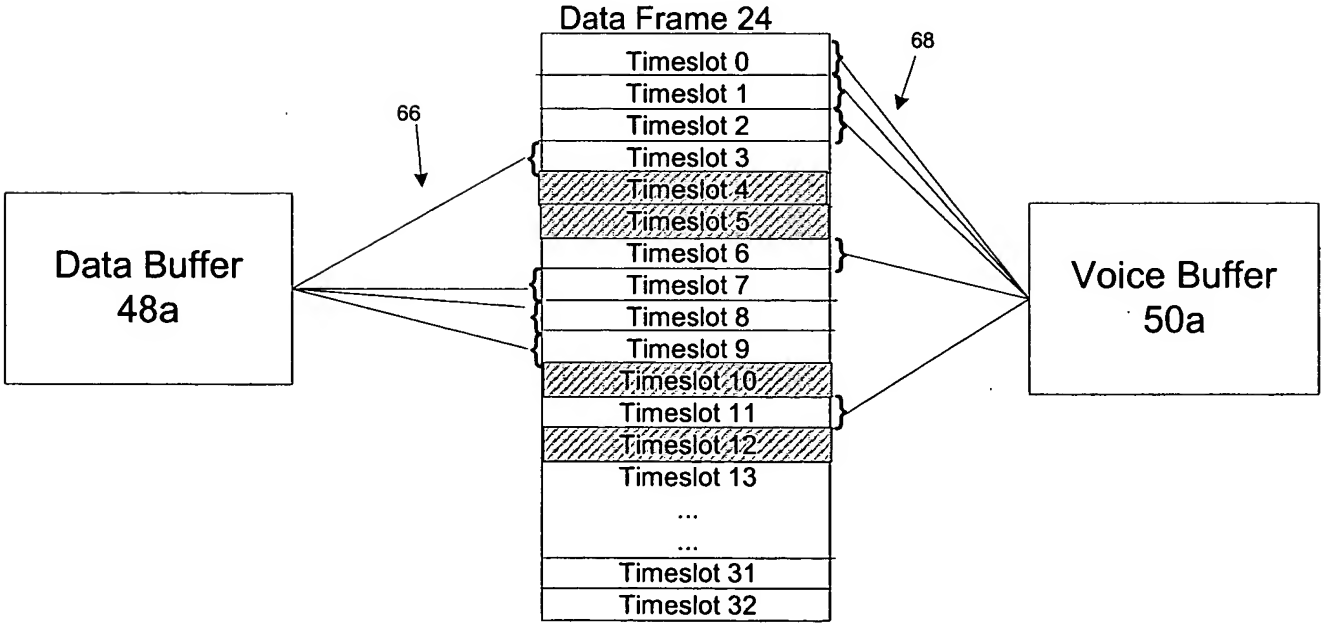
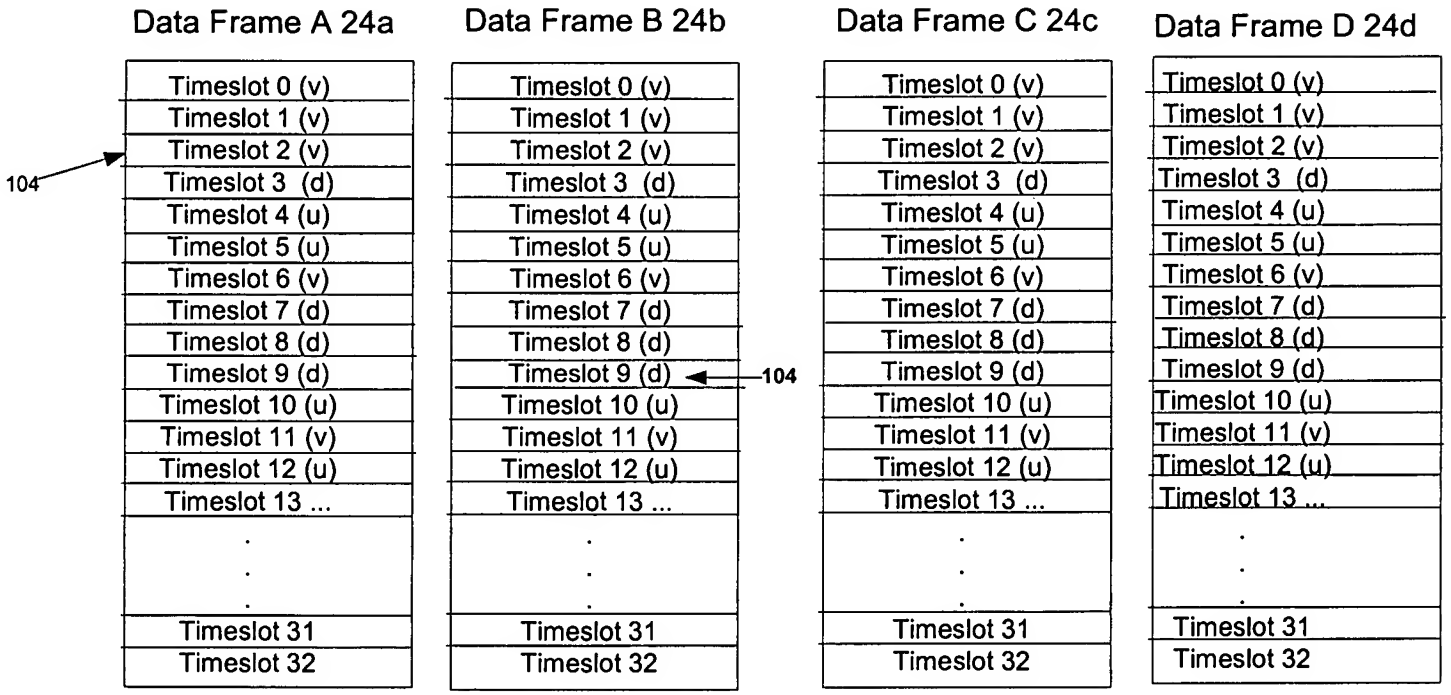


FIG. 2



Data Buffer Table 84

Word Address	Byte 0	Byte 1	Byte 2	Byte 3
0x510	…	…	…	…
0x50C	C.9	D.7	D.8	D.9
0x508	B.8	B.9	C.7	C.8
0x504	A.7	A.8	A.9	B.7
0x500	A.3	B.3	C.3	D.3

80

Voice Buffer Table 86

Word Address	Byte 0	Byte 1	Byte 2	Byte 3
0x414	…	…	…	…
0x410	A.11	B.11	C.11	D.11
0x40C	A.6	B.6	C.6	D.6
0x408	A.2	B2	C.2	D.2
0x404	A.1	B.1	C.1	D.1
0x400	A.0	B.0	C.0	D.0

100
102
82a

Voice Buffer Table 88

Word Address	Byte 0	Byte 1	Byte 2	Byte 3
0x414	…	D.0	D.1	…
0x410	C.2	C.6	C.11	…
0x40C	…	…	C.0	C.1
0x408	B.1	B.0	B.6	B.11
0x404	A.11	…	…	B.0
0x400	A.0	A.1	A.2	A.6

82b
106

FIG. 3

Timeslot lookup table 46b

	Timeslot 60	Assignment 62	Buffer 64
	0	Voice 0	voice buffer
	1	Vioce 1	voice buffer
	2	Voice 2	voice buffer
	3	Hdlc 0	Hdlc buffer
	4	Unassigned	Discard
	5	Unassigned	Discard
	6	Voice 3	voice buffer
	7	Hdlc 1	Hdlc buffer
	8	Unassigned	Discard
	9	Hdlc 1	Hdlc buffer
120 →	10	Unassigned	Discard
122 →	11	Voice 4	voice buffer
	12	Hdlc 1	Hdlc buffer
	13	...	...
	•	•	•
	•	•	•
	•	•	•

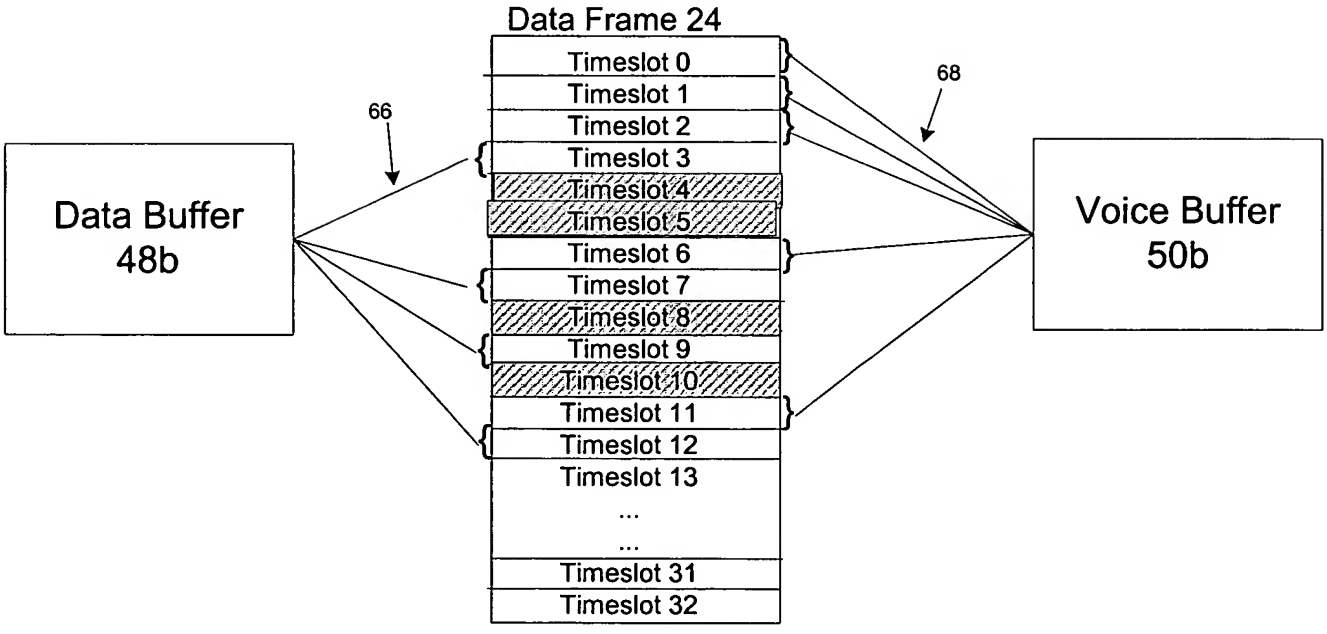
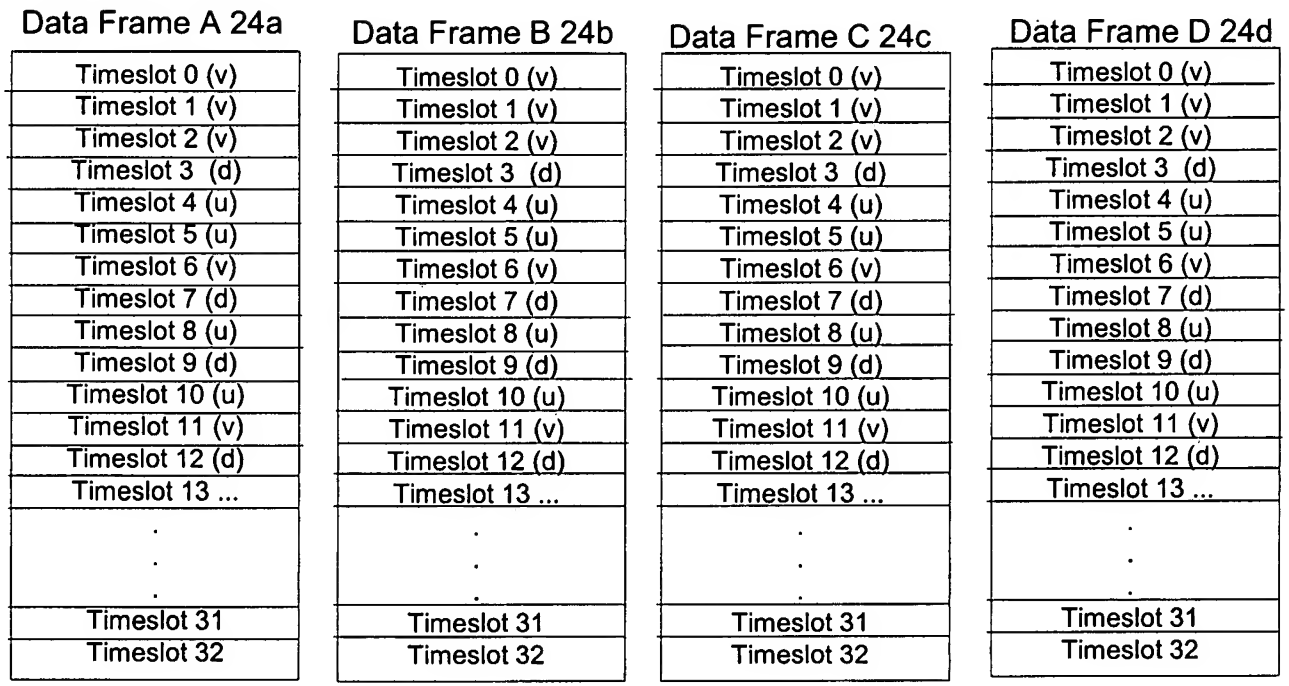


FIG. 4



Data Table 120

Word Address	Byte 0	Byte 1	Byte 2	Byte 3
0x510	...	...	...	...
0x50C	C.9	D.7	D.8	D.9
0x508	B.8	B.9	C.7	C.8
0x504	A.7	A.8	A.9	B.7
0x500	A.3	B.3	C.3	D.3

Voice Table 122

Word Address	Byte 0	Byte 1	Byte 2	Byte 3
0x414	...	...	...	...
0x410	A.11	B.11	C.11	D.11
0x40C	A.6	B.6	C.6	D.6
0x408	A.2	B2	C.2	D.2
0x404	A.1	B.1	C.1	D.1
0x400	A.0	B.0	C.0	D.0

FIG. 5

150

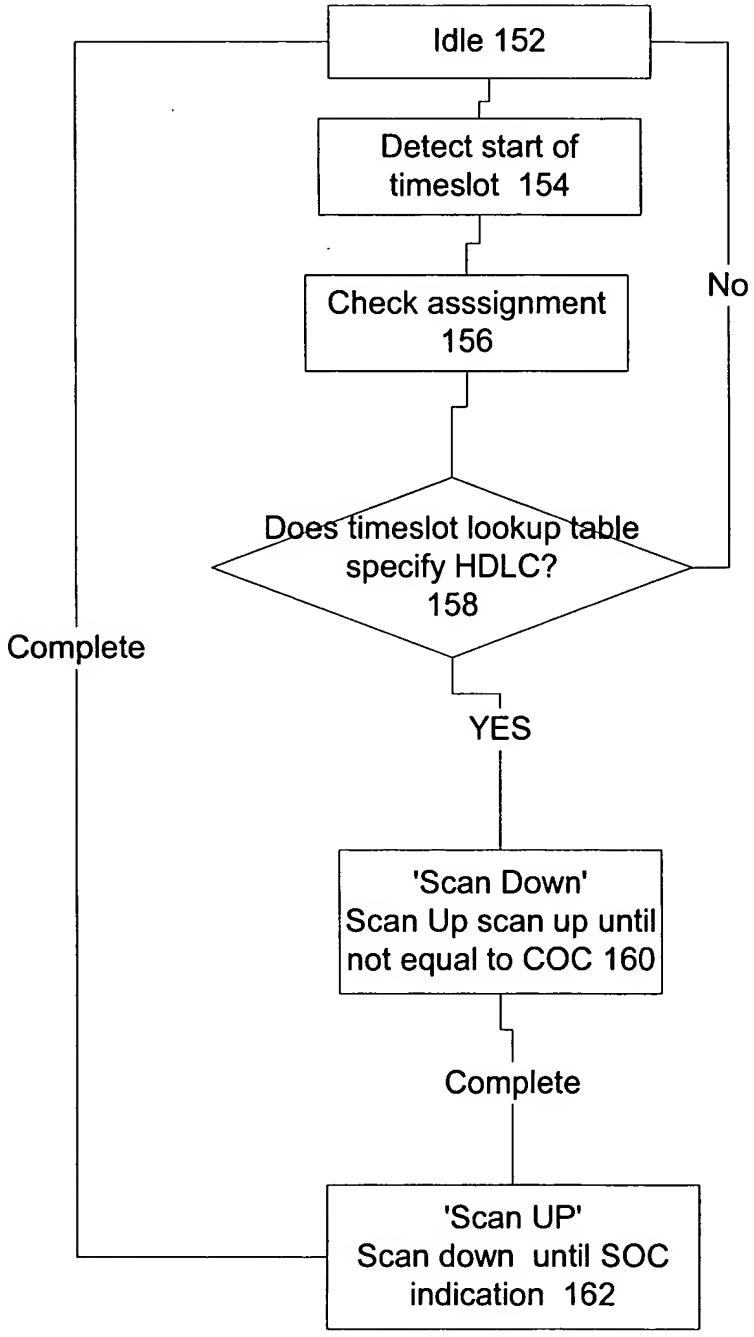

Idle 152
Detect start of timeslot 154
Check asssignment 156
Does timeslot lookup table specify HDLC? 158
No
Complete
YES
'Scan Down' Scan Up scan up until not equal to COC 160
Complete
'Scan UP' Scan down until SOC indication 162

FIG. 6